

Detailed Claim Listing

The following is a detailed listing of all claims that are, or were, pending in the present application. Please cancel claims 1-63 and add new claims 64-71 as set forth in this detailed listing.

1-63. (*Cancelled*)

64. (*New*) An actuator for a heart assist device, the actuator comprising:

(a) a flexible balloon comprising:

(i) a tubular neck portion;

(ii) a first body portion coupled to the neck portion;

(iii) a second body portion; and

(iv) a flexure portion coupled to the first body portion and the second body portion,

wherein the balloon comprises an inflated configuration and a deflated

configuration in which a portion of the second body portion is in contact

with the first body portion; and

(b) a bushing disposed within and extending from the tubular neck portion of the balloon, the bushing comprising a bore, wherein the bushing is configured to be coupleable to an external fluid line.

65. (*New*) The actuator of claim 64, further comprising a restraint component comprising a hole, wherein the restraint component is a shroud or a wrap.

66. (*New*) The actuator of claim 65, wherein the restraint component is a wrap configured to be disposed around the flexible balloon and an exterior of a patient's arterial vessel.

67. (*New*) The actuator of claim 64, wherein the balloon is formed from silicone, polyurethane, or a polyurethane-polysiloxane block copolymer.

68. (*New*) An actuator for a heart assist device, the actuator comprising:

(a) a restraint component comprising a hole; and

(b) a flexible balloon comprising:

- (i) a tubular neck portion disposed through the hole in the restraint component;
- (ii) a first body portion coupled to the neck portion, wherein the first body portion is unattachedly disposed adjacent to the restraint component;
- (iii) a second body portion; and
- (iv) a flexure portion coupled to the first body portion and the second body portion,

wherein the balloon comprises a deflated configuration and an inflated configuration in which at least a portion of the first body portion is displaced inwardly away from the restraint component.

69. **(New)** The actuator of claim 68, wherein the restraint component comprises a shroud or a wrap.

70. **(New)** The actuator of claim 68, wherein the restraint component comprises a wrap configured to be disposed around the flexible balloon and an exterior of a patient's arterial vessel.

71. **(New)** The actuator of claim 68, wherein the balloon is formed from silicone, polyurethane, or a polyurethane-polysiloxane block copolymer.